

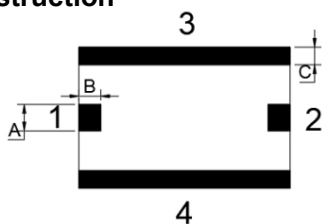
Features

- Multilayer monolithic construction yields high reliability
- Low insertion loss and small size SMD chip design
- Can simplify your complex tuning and circuit design
- LTCC process

Specifications

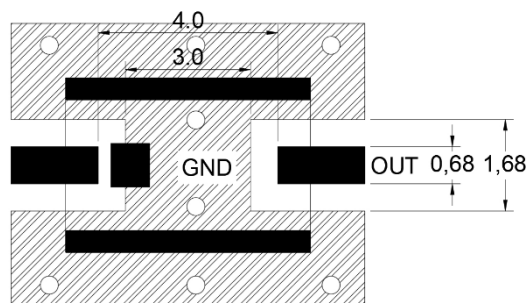
NO.	Parameter	Specifications	Unit
1	Center Frequency (f0)	3150	MHz
2	Band Width	2800-3500	MHz
3	Insertion Loss	≤ 2.75 (Typical)	dB
4	VSWR	2.0 max.	-
5	Attenuation	≥ 50 @10~2200 MHz ≥ 40 @2200~2400 MHz ≥ 30 @2400~2500 MHz ≥ 30 @3800~3900 MHz ≥ 40 @3900~4000 MHz ≥ 50 @4000~6000 MHz	dB
6	In/Output Impedance	50	(Ω)
7	Input RF Power	2.0 max.	W
Operating & Storage Condition (Component) Operation Temperature Range: -40°C ~ +85°C Storage Temperature Range: -40°C ~ +85°C			
Storage Condition before Soldering (Included packaging material) Storage Temperature Range: +5 ~ +40 °C Humidity: 30 to 70% relative humidity			

Construction



PIN	Connection
1	Input port
2	Output port
3	GND
4	GND

Mounting Considerations



Unit: mm

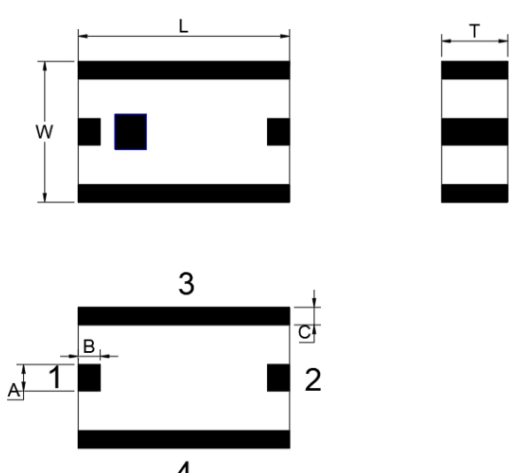
Yantel Corporation

Add: No.308-322,3F,Building 1,Juchuang Jingu Innovation Park,Wenyuan Road 35,Xili Street,Nanshan,Shenzhen,China

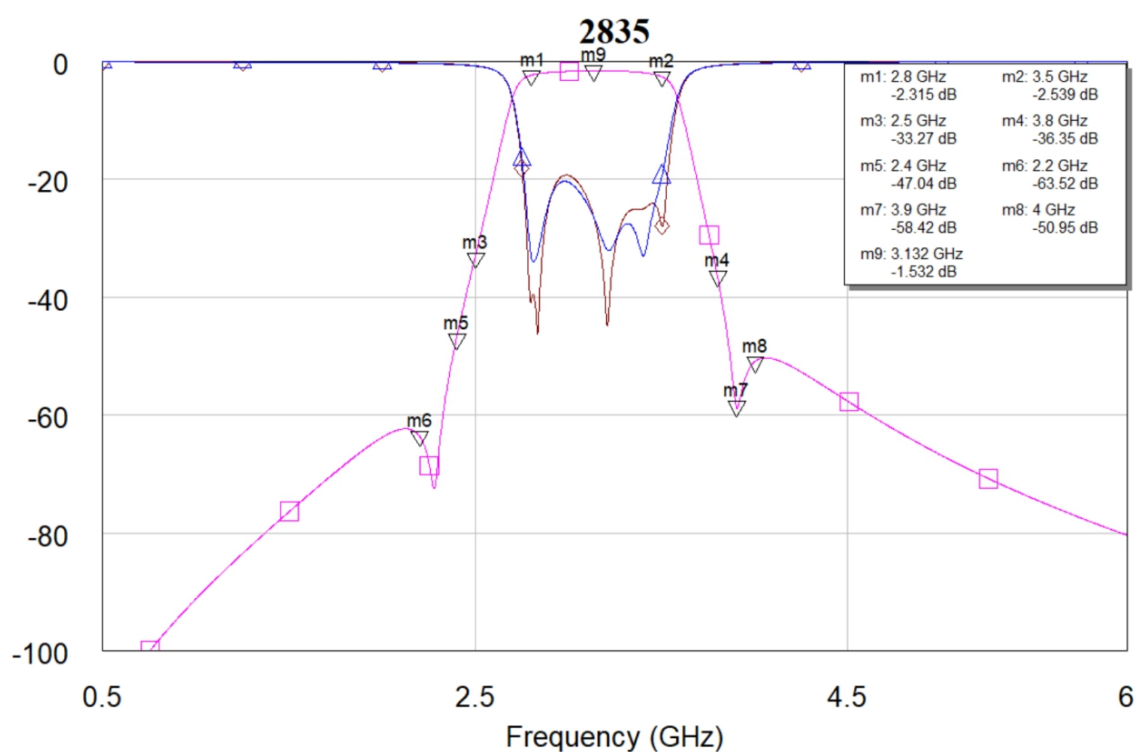
Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

Dimensions

Figure	Symbol	Dimension (mm)
	L	5.00 ± 0.20
	W	3.20 ± 0.20
	T	1.50 ± 0.20
	A	0.60 ± 0.10
	B	0.50 ± 0.10
	C	0.40 ± 0.10

Typical Electrical Characteristics (T=25°C)



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